Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 21 Oct 2023 until 23:59 on Sunday 22 Oct 2023

Forecast Issued on Friday 20 Oct 2023 at 12:59

Confidence: High for remaining changeable, and for a better day on Sunday, but lower for daily details from Monday.

Headline for Saturday 21 Oct 2023: Cloudy with outbreaks of rain and hill fog, strong northeasterly winds easing.

Mountain weather hazards on Saturday 21 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
80%	80%	80%	60%	60%	60%	60%	60%

Forecast for Saturday 21 Oct 2023

Weather: Cloudy with outbreaks of rain, still persistent and heavy in the early hours, becoming lighter by morning. Much of the rain light and drizzly through the day but a few slightly heavier outbreaks are still possible and hill fog will be extensive.

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: General cloudsheet at 450-600m with some lower patches especially over northern and western exposures. Visibility below cloud moderate, but occasionally poor in any heavier rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 21 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/41 NE	23/34 NE	14/23 NE	10/15 E	9/14 S	9/14 S	7/11 W	9/14 W	11/17 W
300	19/39 NE	16/33 NE	11/23 NE	6/15 E	6/13 E	6/12 S	4/9 NW	7/13 NW	7/14 NW
Valley	16/36 NE	16/33 NE	13/26 NE	6/14 NE	5/12 N	4/9 SW	4/10 W	5/12 W	6/14 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	5/-1	6/2	6/4	8/6	8/6	7/5	6/4	5/2
300	7/2	7/2	7/4	8/7	10/9	10/9	9/8	8/6	7/5
Valley	8/5	8/5	8/5	10/8	11/10	12/11	10/9	9/8	8/7
Freezing Level*	1400m	1700m	1900m	2000m	2000m	2000m	1900m	1800m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As winds change direction in afternoon this will change which hills are most exposed to low cloud and hill fog. Saturated ground conditions will make for heavy going and some smaller watercourses may be in spate.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 19 Oct 2023	10.8mm	10.8mm	10.8mm

Forecast for Sunday 22 Oct 2023

Weather: A much brighter day with sunny intervals and the odd shower.

Maximum wind: Westerly 20 gusts 30mph.

Chance of cloud-free hill tops above 600m: 80% in early hours then 90%

Low Cloud and visibility: Occasional cloud 700m in early hours becoming more broken and above summits during the day with good visibility below the cloud.

Temperature: **Valleys:** Plus 7 Celsius at dawn rising to Plus 12 in the afternoon.
At 600m: Plus 5 Celsius.
Freezing level: Above the summits.

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